

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------------------------|------------------|---------|------------------|
| L2 | 3 | ("2002/0082849").URPN. | USPAT | OR | OFF | 2010/07/04 15:03 |
| L6 | 0 | ("2008/0040294").URPN. | USPAT | OR | OFF | 2010/07/04 15:04 |
| L7 | 2365 | 705/35.ccls. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L8 | 98 | "5827222" | USPAT | OR | OFF | 2010/07/04 15:14 |
| L9 | 146 | "5149321" | USPAT | OR | OFF | 2010/07/04 15:14 |
| L10 | 1 | "5395314".pn. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L11 | 1695 | automat\$2 adj payment | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L12 | 293 | (automat\$2 adj payment) and biometr\$5 | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L13 | 32 | (US-20040193524-\$ or US-20060136318-\$ or US-20080040294-\$ or US-20020082849-\$ or US-20070043648-\$ or US-20070174178-\$ or US-20070005481-\$ or US-20040143538-\$ or US-20030023536-\$ or US-20040193529-\$ or US-20070156562-\$ or US-20060235786-\$ or US-20020032637-\$ or US-20020054040-\$ or US-20020055899-\$ or US-20020147675-\$ or US-20020178105-\$ or US-20020188548-\$ or US-20030041006-\$ or US-20030065598-\$ or US-20030126061-\$ or US-20030130932-\$ or US-200302225645-\$ or US-200302225655-\$ or US-20040093300-\$ or US-20050038698-\$) did. or (US-20050038699-\$ or US-20050075963-\$ or US-20050080710-\$ or US-20050160020-\$ or US-20050228735-\$ or US- | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:14 |

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|-----|----|---|--------------------|----|----------------------------|
| | | 20050256799-\$ or US- 20050262005-\$ or US- 20060010066-\$ or US- 20060026090-\$ or US- 20060041472-\$ or US- 20060041503-\$ or US- 20060080215-\$ or US- 20060085320-\$ or US- 20060235787-\$ or US- 20060293997-\$ or US- 20070073608-\$ or US- 20070156561-\$ or US- 20070198391-\$ or US- 20070260514-\$ or US- 20070288662-\$ or US- 20080046353-\$ or US- 20060194610-\$ or US- 20070082698-\$ or US- 20020091617-\$ or US- 20050262002-\$ or US- 20080010180-\$ or US- 20010034011-\$).did, or (US-20050132002-\$ or US- 20050149869-\$ or US- 20030177086-\$ or US- 20070294162-\$).did, or (US-6709330-\$ or US- 5946667-\$ or US-6092056-\$ or US-6272474-\$ or US- 6721715-\$ or US-6993504-\$ or US-7243083-\$ or US- 7315839-\$ or US-5519691-\$ or US-5933815-\$ or US- 5473367-\$ or US-7311248-\$ or US-3564149-\$ or US- 4009522-\$ or US-5848403-\$ or US-5966699-\$ or US- 6006191-\$ or US-6014644-\$).did, | | | |
| L14 | 18 | (US-20040143539-\$ or US- 20040193524-\$ or US- 20050137962-\$ or US- 20050246263-\$ or US- 20060161497-\$ or US- 20050273419-\$ or US- 20030177086-\$ or US- 20050114257-\$ or US- 20050114258-\$ or US- 20050240513-\$ or US- 20060015444-\$ or US- 20060015446-\$ or US- 20060069636-\$ or US- 20060080196-\$ or US- 20060085312-\$ or US- 20070005484-\$ or US- 20070244791-\$ or US- 20070294162-\$ or US- 20080015974-\$ or US- 20030009411-\$ or US- 20060015439-\$ or US- | US-PGPUB; USPAT | OR | OFF 2010/07/04 15:14 |

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|-----|------|--|-------------------------|----|----------------------------|
| | | 20060069635-\$ or US-20060259382-\$ or US-20060259383-\$ or US-20060265303-\$ or US-20070005481-\$).did. or (US-20080021806-\$ or US-20030009412-\$ or US-20030009414-\$ or US-20060085317-\$ or US-20050137960-\$ or US-20060015440-\$ or US-20020013753-\$).did. or (US-6618707-\$ or US-7246093-\$ or US-7308428-\$ or US-7110975-\$ or US-4310752-\$ or US-5774877-\$ or US-5793301-\$ or US-5797002-\$ or US-5915245-\$ or US-6061691-\$ or US-6253187-\$ or US-6397197-\$ or US-6405180-\$ or US-6421653-\$ or US-6532460-\$ or US-6539362-\$).did. | | | |
| L15 | 1695 | automat\$2 adj payment | US-PGPUB; USPAT; EPO | OR | OFF 2010/07/04 15:14 |
| L16 | 1695 | automat\$2 adj payment | US-PGPUB; USPAT; EPO | OR | OFF 2010/07/04 15:14 |
| L17 | 293 | (automat\$2 adj payment) and biometr\$5 | US-PGPUB; USPAT; EPO | OR | OFF 2010/07/04 15:14 |
| L18 | 744 | auction same dutch same bid\$4 | US-PGPUB; USPAT; EPO | OR | OFF 2010/07/04 15:14 |
| L19 | 32 | (US-20040193524-\$ or US-20060136318-\$ or US-20080040294-\$ or US-20020082849-\$ or US-20070043648-\$ or US-20070174178-\$ or US-20070005481-\$ or US-20040143538-\$ or US-20030023536-\$ or US-20040193529-\$ or US-20070156562-\$ or US-20060235786-\$ or US-20020032637-\$ or US-20020054040-\$ or US-20020055899-\$ or US-20020147675-\$ or US-20020178105-\$ or US-20020188548-\$ or US-20030041006-\$ or US-20030065598-\$ or US-20030126061-\$ or US-20030130932-\$ or US-20030225645-\$ or US-20030225655-\$ or US-20040093300-\$ or US-20050038698-\$).did. or (US-20050038699-\$ or US- | US-PGPUB; USPAT | OR | OFF 2010/07/04 15:14 |

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|-----|----|---|-----------------|----|-----|------------------|
| | | 20050075963-\$ or US-20050080710-\$ or US-20050160020-\$ or US-20050228735-\$ or US-20050256799-\$ or US-20050262005-\$ or US-20060010066-\$ or US-20060026090-\$ or US-20060041472-\$ or US-20060041503-\$ or US-20060080215-\$ or US-20060085320-\$ or US-20060235787-\$ or US-20060293997-\$ or US-20070073608-\$ or US-20070156561-\$ or US-20070198391-\$ or US-20070260514-\$ or US-20070288662-\$ or US-20080046353-\$ or US-20060194610-\$ or US-20070082698-\$ or US-20020091617-\$ or US-20050262002-\$ or US-20080010180-\$ or US-20010034011-\$).did, or (US-20050132002-\$ or US-20050149869-\$ or US-20030177086-\$ or US-20070294162-\$).did, or (US-6709330-\$ or US-5946667-\$ or US-6092056-\$ or US-6272474-\$ or US-6721715-\$ or US-6993504-\$ or US-7243083-\$ or US-7315839-\$ or US-5519691-\$ or US-5933815-\$ or US-5473367-\$ or US-7311248-\$ or US-3564149-\$ or US-4009522-\$ or US-5848403-\$ or US-5966699-\$ or US-6006191-\$ or US-6014644-\$).did. | | | | |
| L20 | 18 | (US-20040143539-\$ or US-20040193524-\$ or US-20050137962-\$ or US-20050246263-\$ or US-20060161497-\$ or US-20050273419-\$ or US-20030177086-\$ or US-20050114257-\$ or US-20050114258-\$ or US-20050240513-\$ or US-20060015444-\$ or US-20060015446-\$ or US-20060069636-\$ or US-20060080196-\$ or US-20060085312-\$ or US-20070005484-\$ or US-20070244791-\$ or US- | US-PGPUB, USPAT | OR | OFF | 2010/07/04 15:14 |

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|-----|------|--|---|----|-----|---------------------|
| | | | 20070294162-\$ or US-20080015974-\$ or US-20030009411-\$ or US-20060015439-\$ or US-20060069635-\$ or US-20060259382-\$ or US-20060259383-\$ or US-20060265303-\$ or US-20070005481-\$).did, or (US-20080021806-\$ or US-20030009412-\$ or US-20030009414-\$ or US-20060085317-\$ or US-20050137960-\$ or US-20060015440-\$ or US-20020013753-\$).did, or (US-6618707-\$ or US-7246093-\$ or US-7308428-\$ or US-7110975-\$ or US-4310752-\$ or US-5774877-\$ or US-5793301-\$ or US-5797002-\$ or US-5915245-\$ or US-6061691-\$ or US-6253187-\$ or US-6397197-\$ or US-6405180-\$ or US-6421653-\$ or US-6532460-\$ or US-6539362-\$).did. | | | |
| L21 | 49 | L19 L20 | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:14 |
| L22 | 2365 | 705/35.ccls. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L23 | 98 | "5827222" | USPAT | OR | OFF | 2010/07/04 15:14 |
| L24 | 146 | "5149321" | USPAT | OR | OFF | 2010/07/04 15:14 |
| L25 | 1 | "5395314".pn. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L26 | 1695 | automat\$2 adj payment | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L27 | 293 | (automat\$2 adj payment) and biometr\$5 | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L28 | 1 | "5983204".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L29 | 1 | "5234405".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L30 | 1 | "5149321".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L31 | 1 | "5983204".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L32 | 1 | "5855008".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L33 | 1 | "5794207".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |

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|-----|------|--|-------------------------|----|-----|---------------------|
| L34 | 1 | "5262942".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L35 | 1 | "5262942".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L36 | 1 | "5794207".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L37 | 1 | "5794207".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L38 | 1 | "5855008".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L39 | 998 | auction and dutch and bid \$4 | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L40 | 744 | auction same dutch same bid\$4 | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L41 | 2365 | 705/35.ccls. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L42 | 98 | "5827222" | USPAT | OR | OFF | 2010/07/04 15:14 |
| L43 | 146 | "5149321" | USPAT | OR | OFF | 2010/07/04 15:14 |
| L44 | 1 | "5395314".pn. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L45 | 1695 | automat\$2 adj payment | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L46 | 293 | (automat\$2 adj payment) and biometr\$5 | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L47 | 1 | "5983204".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L48 | 1 | "5234405".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L49 | 1 | "5149321".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L50 | 1 | "5983204".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L51 | 1 | "5855008".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L52 | 1 | "5794207".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L53 | 1 | "5262942".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L54 | 1 | "5262942".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L55 | 1 | "5794207".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L56 | 1 | "5794207".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L57 | 1 | "5855008".PN. | USPAT | OR | OFF | 2010/07/04 15:14 |

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|-----|-----|---|-------------------------|-----|---------------------|---------------------|
| L58 | 998 | auction and dutch and bid \$4 | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L59 | 744 | auction same dutch same bid\$4 | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L60 | 32 | (US-20040193524-\$ or US- 20060136318-\$ or US- 20080040294-\$ or US- 20020082849-\$ or US- 20070043648-\$ or US- 20070174178-\$ or US- 20070005481-\$ or US- 20040143538-\$ or US- 20030023536-\$ or US- 20040193529-\$ or US- 20070156562-\$ or US- 20060235786-\$ or US- 20020032637-\$ or US- 20020054040-\$ or US- 20020055899-\$ or US- 20020147675-\$ or US- 20020178105-\$ or US- 20020188548-\$ or US- 20030041006-\$ or US- 20030065598-\$ or US- 20030126061-\$ or US- 20030130932-\$ or US- 20030225645-\$ or US- 20030225655-\$ or US- 20040093300-\$ or US- 20050038698-\$).did, or (US-20050038699-\$ or US- 20050075963-\$ or US- 20050080710-\$ or US- 20050160020-\$ or US- 20050228735-\$ or US- 20050256799-\$ or US- 20050262005-\$ or US- 20060010066-\$ or US- 20060026090-\$ or US- 20060041472-\$ or US- 20060041503-\$ or US- 20060080215-\$ or US- 20060085320-\$ or US- 20060235787-\$ or US- 20060293997-\$ or US- 20070073608-\$ or US- 20070156561-\$ or US- 20070198391-\$ or US- 20070260514-\$ or US- 20070288662-\$ or US- 20080046353-\$ or US- 20060194610-\$ or US- 20070082698-\$ or US- 20020091617-\$ or US- 20050262002-\$ or US- 20080010180-\$ or US- 20010034011-\$).did, or (US-20050132002-\$ or US- 20050149869-\$ or US- | OR | OFF | 2010/07/04 15:14 | |

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|-----|----|--|--------------------|----|----------------------------|
| | | 20030177086-\$ or US-20070294162-\$).did, or (US-6709330-\$ or US-5946667-\$ or US-6092056-\$ or US-6272474-\$ or US-6721715-\$ or US-6993504-\$ or US-7243083-\$ or US-7315839-\$ or US-5519691-\$ or US-5933815-\$ or US-5473367-\$ or US-7311248-\$ or US-3564149-\$ or US-4009522-\$ or US-5848403-\$ or US-5966699-\$ or US-6006191-\$ or US-6014644-\$).did. | | | |
| L61 | 18 | (US-20040143539-\$ or US-20040193524-\$ or US-20050137962-\$ or US-20050246263-\$ or US-20060161497-\$ or US-20050273419-\$ or US-20030177086-\$ or US-20050114257-\$ or US-20050114258-\$ or US-20050240513-\$ or US-20060015444-\$ or US-20060015446-\$ or US-20060069636-\$ or US-20060080196-\$ or US-20060085312-\$ or US-20070005484-\$ or US-20070244791-\$ or US-20070294162-\$ or US-20080015974-\$ or US-20030009411-\$ or US-20060015439-\$ or US-20060069635-\$ or US-20060259382-\$ or US-20060259383-\$ or US-20060265303-\$ or US-20070005481-\$).did, or (US-20080021806-\$ or US-20030009412-\$ or US-20030009414-\$ or US-20060085317-\$ or US-20050137960-\$ or US-20060015440-\$ or US-20020013753-\$).did, or (US-6618707-\$ or US-7246093-\$ or US-7308428-\$ or US-7110975-\$ or US-4310752-\$ or US-5774877-\$ or US-5793301-\$ or US-5797002-\$ or US-5915245-\$ or US-6061691-\$ or US-6253187-\$ or US-6397197-\$ or US-6405180-\$ or US-6421653-\$ or US-6532460-\$ or US-6539362-\$).did. | US-PGPUB; USPAT | OR | OFF 2010/07/04 15:14 |

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|-----|------|---|-------------------------|----|-----|---------------------|
| L62 | 49 | L60 L61 | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:14 |
| L63 | 1 | L60 AND L61 | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:14 |
| L64 | 54 | quote same order same interactive | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:14 |
| L65 | 1 | L64 and L62 | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:14 |
| L66 | 6 | ("2004/0193524").URPN. | USPAT | OR | OFF | 2010/07/04 15:14 |
| L67 | 2 | (US-20030177086-\$ or US- 20030009411-\$).did. | US-PGPUB | OR | OFF | 2010/07/04 15:14 |
| L68 | 25 | (US-20030177086-\$ or US- 20030009411-\$ or US- 20080005271-\$ or US- 20070234283-\$ or US- 20070094698-\$ or US- 20060036709-\$ or US- 20050038851-\$ or US- 20040024610-\$ or US- 20030200150-\$ or US- 20030163808-\$ or US- 20030149958-\$ or US- 20030149743-\$ or US- 20030033212-\$ or US- 20030004853-\$ or US- 20020055862-\$ or US- 20020054152-\$ or US- 20020023004-\$ or US- 20020019810-\$ or US- 20020007295-\$ or US- 20010051907-\$ or US- 20010027480-\$ or US- 20010020252-\$ or US- 20010018709-\$).did. or (US-7249059-\$ or US- 7110969-\$ or US-6915329-\$ or US-6600736-\$ or US- 6480893-\$ or US-6370580-\$ or US-5991809-\$ or US- 5272623-\$ or US-4799156-\$ or US-4984180-\$).did. | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:14 |
| L69 | 3418 | concentric with band\$1 | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:14 |
| L70 | 0 | L64 and L69 | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:14 |
| L71 | 0 | L69 and L18 | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L72 | 0 | L69 and L15 | US-PGPUB; USPAT; EPO | OR | OFF | 2010/07/04 15:14 |
| L73 | 0 | L69 and L21 | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:14 |

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|-----|-------|---|--|----|-----|---------------------|
| L74 | 4031 | concentric with band\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/07/04 15:21 |
| L77 | 6847 | 705/35.ccls. 705/37.ccls. 705/36r.ccls. 705/26.ccls. | USPAT | OR | OFF | 2010/07/04 15:22 |
| L78 | 21064 | 705/35.ccls. 705/37.ccls. 705/36r.ccls. 705/26.ccls. | US-PGPUB; USPAT | OR | OFF | 2010/07/04 15:22 |
| L80 | 56 | quote same order same interactive | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/07/04 15:23 |
| L81 | 0 | l74 and l80 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/07/04 15:24 |
| L82 | 5 | l74 and l78 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/07/04 15:24 |
| L83 | 5240 | market with price with (data or information) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/07/04 15:48 |
| L84 | 1197 | quote and order and bid and ask | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/07/04 15:49 |
| L85 | 480 | (band\$ or ring\$) and l84 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/07/04 15:49 |
| L86 | 292 | l83 and l85 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/07/04 15:50 |
| L87 | 178 | l86 and l78 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/07/04 15:50 |
| L91 | 66 | "l88" and "l90" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/07/04 15:51 |
| S1 | 337 | 705/35.ccls. | USPAT | OR | OFF | 2001/06/04 10:24 |
| S2 | 9 | "5827222" | USPAT | OR | OFF | 2001/06/04 10:28 |
| S3 | 30 | "5149321" | USPAT | OR | OFF | 2001/06/04 10:28 |
| S4 | 1 | "5395314".pn. | USPAT | OR | OFF | 2001/06/04 11:29 |
| S5 | 185 | automat\$2 adj payment | US-PGPUB; USPAT; EPO | OR | OFF | 2001/06/04 11:30 |
| S6 | 1 | (automat\$2 adj payment) and biometr\$5 | US-PGPUB; USPAT; EPO | OR | OFF | 2001/06/04 12:53 |

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|-----|----|--|-----------------|----|-----|---------------------|
| S39 | 75 | (US-20040193524-\$ or US-20060136318-\$ or US-20080040294-\$ or US-20020082849-\$ or US-20070043648-\$ or US-20070174178-\$ or US-20070005481-\$ or US-20040143538-\$ or US-20030023536-\$ or US-20040193529-\$ or US-20070156562-\$ or US-20060235786-\$ or US-20020032637-\$ or US-20020054040-\$ or US-20020055899-\$ or US-20020147675-\$ or US-20020178105-\$ or US-20020188548-\$ or US-20030041006-\$ or US-20030065598-\$ or US-20030126061-\$ or US-20030130932-\$ or US-20030225645-\$ or US-20030225655-\$ or US-20040093300-\$ or US-20050038698-\$).did. or (US-20050038699-\$ or US-20050075963-\$ or US-20050080710-\$ or US-20050160020-\$ or US-20050228735-\$ or US-20050256799-\$ or US-20050262005-\$ or US-20060010066-\$ or US-20060026090-\$ or US-20060041472-\$ or US-20060041503-\$ or US-20060080215-\$ or US-20060085320-\$ or US-20060235787-\$ or US-20060293997-\$ or US-20070073608-\$ or US-20070156561-\$ or US-20070198391-\$ or US-20070260514-\$ or US-20070288662-\$ or US-20080046353-\$ or US-20060194610-\$ or US-20070082698-\$ or US-20020091617-\$ or US-20050262002-\$ or US-20080010180-\$ or US-20010034011-\$).did. or (US-20050132002-\$ or US-20050149869-\$ or US-20030177086-\$ or US-20070294162-\$).did. or (US-6709330-\$ or US-5946667-\$ or US-6092056-\$ or US-6272474-\$ or US- | US-PGPUB; USPAT | OR | OFF | 2008/03/24 17:45 |
|-----|----|--|-----------------|----|-----|---------------------|

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|------|------|--|----------------------|----|-----|------------------|
| | | 6721715-\$ or US-6993504-\$ or US-7243083-\$ or US-7315839-\$ or US-5519691-\$ or US-5933815-\$ or US-5473367-\$ or US-7311248-\$ or US-3564149-\$ or US-4009522-\$ or US-5848403-\$ or US-5966699-\$ or US-6006191-\$ or US-6014644-\$).dld. | | | | |
| S40 | 49 | (US-20040143539-\$ or US-20040193524-\$ or US-20050137962-\$ or US-20050246263-\$ or US-20060161497-\$ or US-20050273419-\$ or US-20030177086-\$ or US-20050114257-\$ or US-20050114258-\$ or US-20050240513-\$ or US-20060015444-\$ or US-20060015446-\$ or US-20060069636-\$ or US-20060080196-\$ or US-20060085312-\$ or US-20070005484-\$ or US-20070244791-\$ or US-20070294162-\$ or US-20080015974-\$ or US-20030009411-\$ or US-20060015439-\$ or US-20060069635-\$ or US-20060259382-\$ or US-20060259383-\$ or US-20060265303-\$ or US-20070005481-\$).dld. or (US-20080021806-\$ or US-20030009412-\$ or US-20030009414-\$ or US-20060085317-\$ or US-20050137960-\$ or US-20060015440-\$ or US-20020013753-\$).dld. or (US-6618707-\$ or US-7246093-\$ or US-7308428-\$ or US-7110975-\$ or US-4310752-\$ or US-5774877-\$ or US-5793301-\$ or US-5797002-\$ or US-5915245-\$ or US-6061691-\$ or US-6253187-\$ or US-6397197-\$ or US-6405180-\$ or US-6421653-\$ or US-6532460-\$ or US-6539362-\$).dld. | US-PGPUB; USPAT | OR | OFF | 2008/03/24 17:45 |
| S293 | 1496 | automat\$2 adj payment | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:29 |
| S312 | 1496 | automat\$2 adj payment | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:29 |

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|------|-----|---|-------------------------|----|-----|---------------------|
| S313 | 240 | (automat\$2 adj payment) and biometr\$5 | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:29 |
| S326 | 629 | auction same dutch same bid\$4 | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:29 |
| S327 | 41 | (US-20040193524-\$ or US- 20060136318-\$ or US- 20080040294-\$ or US- 20020082849-\$ or US- 20070043648-\$ or US- 20070174178-\$ or US- 20070005481-\$ or US- 20040143538-\$ or US- 20030023536-\$ or US- 20040193529-\$ or US- 20070156562-\$ or US- 20060235786-\$ or US- 20020032637-\$ or US- 20020054040-\$ or US- 20020055899-\$ or US- 20020147675-\$ or US- 20020178105-\$ or US- 20020188548-\$ or US- 20030041006-\$ or US- 20030065598-\$ or US- 20030126061-\$ or US- 20030130932-\$ or US- 20030225645-\$ or US- 20030225655-\$ or US- 20040093300-\$ or US- 20050038698-\$).did, or (US-20050038699-\$ or US- 20050075963-\$ or US- 20050080710-\$ or US- 20050160020-\$ or US- 20050228735-\$ or US- 20050256799-\$ or US- 20050262005-\$ or US- 20060010066-\$ or US- 20060026090-\$ or US- 20060041472-\$ or US- 20060041503-\$ or US- 20060080215-\$ or US- 20060085320-\$ or US- 20060235787-\$ or US- 20060293997-\$ or US- 20070073608-\$ or US- 20070156561-\$ or US- 20070198391-\$ or US- 20070260514-\$ or US- 20070288662-\$ or US- 20080046353-\$ or US- 20060194610-\$ or US- 20070082698-\$ or US- 20020091617-\$ or US- 20050262002-\$ or US- 20080010180-\$ or US- 20010034011-\$).did, or (US-20050132002-\$ or US- 20050149869-\$ or US- | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:29 |

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|------|----|--|-----------------|----|-----|------------------|
| | | 20030177086-\$ or US-20070294162-\$).did, or (US-6709330-\$ or US-5946667-\$ or US-6092056-\$ or US-6272474-\$ or US-6721715-\$ or US-6993504-\$ or US-7243083-\$ or US-7315839-\$ or US-5519691-\$ or US-5933815-\$ or US-5473367-\$ or US-7311248-\$ or US-3564149-\$ or US-4009522-\$ or US-5848403-\$ or US-5966699-\$ or US-6006191-\$ or US-6014644-\$).did. | | | | |
| S328 | 25 | (US-20040143539-\$ or US-20040193524-\$ or US-20050137962-\$ or US-20050246263-\$ or US-20060161497-\$ or US-20050273419-\$ or US-20030177086-\$ or US-20050114257-\$ or US-20050114258-\$ or US-20050240513-\$ or US-20060015444-\$ or US-20060015446-\$ or US-20060069636-\$ or US-20060080196-\$ or US-20060085312-\$ or US-20070005484-\$ or US-20070244791-\$ or US-20070294162-\$ or US-20080015974-\$ or US-20030009411-\$ or US-20060015439-\$ or US-20060069635-\$ or US-20060259382-\$ or US-20060259383-\$ or US-20060265303-\$ or US-20070005481-\$).did, or (US-20080021806-\$ or US-20030009412-\$ or US-20030009414-\$ or US-20060085317-\$ or US-20050137960-\$ or US-20060015440-\$ or US-20020013753-\$).did, or (US-6618707-\$ or US-7246093-\$ or US-7308428-\$ or US-7110975-\$ or US-4310752-\$ or US-5774877-\$ or US-5793301-\$ or US-5797002-\$ or US-5915245-\$ or US-6061691-\$ or US-6253187-\$ or US-6397197-\$ or US-6405180-\$ or US-6421653-\$ or US-6532460-\$ or US-6539362-\$).did. | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:29 |

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|------|------|--|-------------------------|----|-----|---------------------|
| S329 | 64 | S327 S328 | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:29 |
| S336 | 1762 | 705/35.ccls. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S337 | 94 | "5827222" | USPAT | OR | OFF | 2009/10/10 17:29 |
| S338 | 141 | "5149321" | USPAT | OR | OFF | 2009/10/10 17:29 |
| S339 | 1 | "5395314".pn. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S340 | 1496 | automat\$2 adj payment | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:29 |
| S341 | 240 | (automat\$2 adj payment) and biometr\$5 | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:29 |
| S342 | 1 | "5983204".PN. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S343 | 1 | "5234405".PN. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S344 | 1 | "5149321".PN. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S345 | 1 | "5983204".PN. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S346 | 1 | "5855008".PN. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S347 | 1 | "5794207".PN. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S348 | 1 | "5262942".PN. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S349 | 1 | "5262942".PN. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S350 | 1 | "5794207".PN. | USPAT | OR | OFF | 2009/10/10 17:29 |
| S351 | 1 | "5794207".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S352 | 1 | "5855008".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S353 | 855 | auction and dutch and bid \$4 | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:30 |
| S354 | 629 | auction same dutch same bid\$4 | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:30 |
| S355 | 1762 | 705/35.ccls. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S356 | 94 | "5827222" | USPAT | OR | OFF | 2009/10/10 17:30 |
| S357 | 141 | "5149321" | USPAT | OR | OFF | 2009/10/10 17:30 |
| S358 | 1 | "5395314".pn. | USPAT | OR | OFF | 2009/10/10 17:30 |

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|------|------|---|-------------------------|----|-----|---------------------|
| S359 | 1496 | automat\$2 adj payment | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:30 |
| S360 | 240 | (automat\$2 adj payment) and biometr\$5 | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:30 |
| S361 | 1 | "5983204".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S362 | 1 | "5234405".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S363 | 1 | "5149321".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S364 | 1 | "5983204".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S365 | 1 | "5855008".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S366 | 1 | "5794207".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S367 | 1 | "5262942".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S368 | 1 | "5262942".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S369 | 1 | "5794207".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S370 | 1 | "5794207".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S371 | 1 | "5855008".PN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S372 | 855 | auction and dutch and bid \$4 | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:30 |
| S373 | 629 | auction same dutch same bid\$4 | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:30 |
| S374 | 41 | (US-20040193524-\$ or US- 20060136318-\$ or US- 20080040294-\$ or US- 20020082849-\$ or US- 20070043648-\$ or US- 20070174178-\$ or US- 20070005481-\$ or US- 20040143538-\$ or US- 20030023536-\$ or US- 20040193529-\$ or US- 20070156562-\$ or US- 20060235786-\$ or US- 20020032637-\$ or US- 20020054040-\$ or US- 20020055899-\$ or US- 20020147675-\$ or US- 20020178105-\$ or US- 20020188548-\$ or US- 20030041006-\$ or US- 20030065598-\$ or US- 20030126061-\$ or US- 20030130932-\$ or US- 20030225645-\$ or US- | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:30 |

20030225655-\$ or US-
20040093300-\$ or US-
20050038698-\$).did. or
(US-20050038699-\$ or US-
20050075963-\$ or US-
20050080710-\$ or US-
20050160020-\$ or US-
20050228735-\$ or US-
20050256799-\$ or US-
20050262005-\$ or US-
20060010066-\$ or US-
20060026090-\$ or US-
20060041472-\$ or US-
20060041503-\$ or US-
20060080215-\$ or US-
20060085320-\$ or US-
20060235787-\$ or US-
20060293997-\$ or US-
20070073608-\$ or US-
20070156561-\$ or US-
20070198391-\$ or US-
20070260514-\$ or US-
20070288662-\$ or US-
20080046353-\$ or US-
20060194610-\$ or US-
20070082698-\$ or US-
20020091617-\$ or US-
20050262002-\$ or US-
20080010180-\$ or US-
20010034011-\$).did. or
(US-20050132002-\$ or US-
20050149869-\$ or US-
20030177086-\$ or US-
20070294162-\$).did. or
(US-6709330-\$ or US-
5946667-\$ or US-6092056-\$
or US-6272474-\$ or US-
6721715-\$ or US-6993504-\$
or US-7243083-\$ or US-
7315839-\$ or US-5519691-\$
or US-5933815-\$ or US-
5473367-\$ or US-7311248-\$
or US-3564149-\$ or US-
4009522-\$ or US-5848403-\$
or US-5966699-\$ or US-
6006191-\$ or US-6014644-\$).did.

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|------|----|--|-----------------|----|-----|---------------------|
| S375 | 25 | (US-20040143539-\$ or US-20040193524-\$ or US-20050137962-\$ or US-20050246263-\$ or US-20060161497-\$ or US-20050273419-\$ or US-20030177086-\$ or US-20050114257-\$ or US-20050114258-\$ or US-20050240513-\$ or US-20060015444-\$ or US-20060015446-\$ or US-20060069636-\$ or US-20060080196-\$ or US-20060085312-\$ or US-20070005484-\$ or US-20070244791-\$ or US-20070294162-\$ or US-20080015974-\$ or US-20030009411-\$ or US-20060015439-\$ or US-20060069635-\$ or US-20060259382-\$ or US-20060259383-\$ or US-20060265303-\$ or US-20070005481-\$).did. or (US-20080021806-\$ or US-20030009412-\$ or US-20030009414-\$ or US-20060085317-\$ or US-20050137960-\$ or US-20060015440-\$ or US-20020013753-\$).did. or (US-6618707-\$ or US-7246093-\$ or US-7308428-\$ or US-7110975-\$ or US-4310752-\$ or US-5774877-\$ or US-5793301-\$ or US-5797002-\$ or US-5915245-\$ or US-6061691-\$ or US-6253187-\$ or US-6397197-\$ or US-6405180-\$ or US-6421653-\$ or US-6532460-\$ or US-6539362-\$).did. | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:30 |
| S376 | 64 | S374 S375 | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:30 |
| S377 | 2 | S374 AND S375 | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:30 |
| S378 | 51 | quote same order same interactive | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:30 |
| S379 | 2 | S378 and S376 | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:30 |
| S380 | 3 | ("2004/0193524").URPN. | USPAT | OR | OFF | 2009/10/10 17:30 |
| S381 | 2 | (US-20030177086-\$ or US-20030009411-\$).did. | US-PGPUB | OR | OFF | 2009/10/10 17:30 |

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|------|------|--|----------------------|----|-----|------------------|
| S382 | 28 | (US-20030177086-\$ or US-2003009411-\$ or US-20080005271-\$ or US-20070234283-\$ or US-20070094698-\$ or US-20060036709-\$ or US-20050038851-\$ or US-20040024610-\$ or US-20030200150-\$ or US-20030163808-\$ or US-20030149958-\$ or US-20030149743-\$ or US-20030033212-\$ or US-20030004853-\$ or US-20020055862-\$ or US-20020054152-\$ or US-20020023004-\$ or US-20020019810-\$ or US-20020007295-\$ or US-20010051907-\$ or US-20010027480-\$ or US-20010020252-\$ or US-20010018709-\$).did, or (US-7249059-\$ or US-7110969-\$ or US-6915329-\$ or US-6600736-\$ or US-6480893-\$ or US-6370580-\$ or US-5991809-\$ or US-5272623-\$ or US-4799156-\$ or US-4984180-\$).did, | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:30 |
| S383 | 3261 | concentric with band\$1 | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:30 |
| S384 | 0 | S378 and S383 | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:30 |
| S385 | 0 | S383 and S326 | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:30 |
| S386 | 0 | S383 and S293 | US-PGPUB; USPAT; EPO | OR | OFF | 2009/10/10 17:30 |
| S387 | 0 | S383 and S329 | US-PGPUB; USPAT | OR | OFF | 2009/10/10 17:30 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------------|------------------|---------|------------------|
| L75 | 2429 | concentric with band\$1 | USPAT; UPAD | OR | OFF | 2010/07/04 15.21 |
| L76 | 17 | quote same order same interactive | USPAT; UPAD | OR | OFF | 2010/07/04 15.22 |
| L79 | 7996 | 705/35.ccls. 705/37.ccls. 705/36r.ccls. 705/26.ccls. | USPAT; UPAD | OR | OFF | 2010/07/04 15.22 |
| L88 | 1714 | market with price with (data or information) | USPAT; UPAD | OR | OFF | 2010/07/04 15.50 |
| L89 | 407 | quote and order and bid and ask | USPAT; UPAD | OR | OFF | 2010/07/04 15.51 |

| | | | | | | |
|-----|-----|----------------------------|-------------|----|-----|------------------|
| L90 | 139 | (band\$ or ring\$) and l89 | USPAT; UPAD | OR | OFF | 2010/07/04 15:51 |
| L92 | 64 | l88 and l90 | USPAT; UPAD | OR | OFF | 2010/07/04 15:52 |

7/4/10 5:05:51 PM

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